

## Storm Data and Unusual Weather Phenomena - February 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>INDIANA, South Central</b>				
<b>DUBOIS COUNTY --- BIRDSEYE [38.32, -86.70]</b>				
	02/11/09 12:50 EST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 12:50 EST		0	Source: Law Enforcement
A car was blown off State Road 145 near Birdseye.				
<b>PERRY COUNTY --- TELL CITY [37.95, -86.77]</b>				
	02/11/09 13:27 EST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 13:27 EST		0	Source: Law Enforcement
Trees were reported down in Tell City.				
<b>CRAWFORD COUNTY --- 3.0 S PILOT KNOB [38.24, -86.35]</b>				
	02/11/09 15:50 EST		0	Thunderstorm Wind (EG 56 kt)
	02/11/09 15:50 EST		0	Source: Trained Spotter
Tree tops were broken off along with six inch thick tree limbs.				
<b>HARRISON COUNTY --- NEW SALISBURY [38.32, -86.10]</b>				
	02/11/09 15:58 EST		0	Thunderstorm Wind (EG 56 kt)
	02/11/09 15:58 EST		0	Source: Trained Spotter
A twelve inch evergreen tree was uprooted.				
<b>HARRISON COUNTY --- CORYDON [38.22, -86.12]</b>				
	02/11/09 16:00 EST		0	Thunderstorm Wind (EG 61 kt)
	02/11/09 16:00 EST		0	Source: Trained Spotter
A roof was blown off a business and power poles were snapped on the northwest side of Corydon.				
<b>(IN-Z078) SCOTT, (IN-Z083) DUBOIS, (IN-Z084) CRAWFORD, (IN-Z090) HARRISON, (IN-Z091) FLOYD, (IN-Z092) CLARK</b>				
	02/11/09 16:00 EST		0	High Wind (MAX 70 kt)
	02/11/09 21:00 EST		0	
<b>JEFFERSON COUNTY --- HANOVER [38.72, -85.47]</b>				
	02/11/09 16:36 EST		0	Thunderstorm Wind (EG 61 kt)
	02/11/09 16:36 EST		0	Source: Broadcast Media
The roof of Southwest High School in Hanover was damaged, with several large sections of sheet metal blown off.				
<p>A strong trough exiting the Rockies lead to explosive development of low pressure during the day Wednesday February 11th. At dawn, low pressure near 998 mb formed over southern Missouri. This cyclone deepened to 986 mb as it crossed into southern Michigan by late evening.</p> <p>Convective showers along an occluded front crossed southern Indiana during the early afternoon. This line brought isolated gusts of 50 to 60 mph. Behind this front, gradient winds increased to 35 mph...with gusts up to 65 mph during the late afternoon and early evening. Scattered structural damage, tree damage and power outages resulted.</p>				
<b>KENTUCKY, Central</b>				
<b>BUTLER COUNTY --- ROCHESTER [37.22, -86.90], 1.6 W ROCHESTER [37.22, -86.93], 1.9 WNW ROCHESTER [37.23, -86.93], 1.2 NNW ROCHESTER [37.24, -86.91]</b>				
	02/01/09 00:00 CST		0	Flood (due to Heavy Rain / Snow Melt)
	02/03/09 16:30 CST		5K	Source: Official NWS Observations
The Green River at Rochester began flooding on January 29th at 0600 and stayed above flood stage, which is 17 feet, until February 3rd at 1630. The river crested at 20.4 feet, 3.4 feet above flood stage, on February 1st at 1200.				

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<b>BUTLER COUNTY --- WOODBURY [37.18, -86.65], 2.3 E WOODBURY [37.18, -86.61], 2.9 NE WOODBURY [37.20, -86.61], 2.0 NNE WOODBURY [37.21, -86.64]</b>				
	02/01/09 00:00 CST		0	Flood (due to Heavy Rain / Snow Melt)
	02/01/09 08:45 CST		5K	Source: Official NWS Observations
The Green River at Woodbury began flooding on January 30th at 0410. The river crested on January 30th at 1200 at 39.0 feet, 6 feet above flood stage, and remained above flood stage until February 2nd at 0845.				
Runoff from ice and snow at the end of January followed by rain resulted in minor flooding along the Green River near Rochester.				
<b>(KY-Z027) GRAYSON, (KY-Z029) BULLITT, (KY-Z030) JEFFERSON, (KY-Z032) TRIMBLE, (KY-Z035) FRANKLIN, (KY-Z037) HARRISON, (KY-Z041) FAYETTE, (KY-Z042) BOURBON, (KY-Z045) NELSON, (KY-Z047) MERCER, (KY-Z061) BUTLER, (KY-Z071) WARREN, (KY-Z077) ADAIR, (KY-Z078) RUSSELL, (KY-Z081) CUMBERLAND</b>				
	02/11/09 11:07 EST		52K	High Wind (MAX 65 kt)
	02/11/09 21:45 EST		0	
<b>GRAYSON COUNTY --- CANEYVILLE [37.42, -86.50]</b>				
	02/11/09 12:00 CST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 12:00 CST		0	Source: Law Enforcement
Trees were downed in Caneyville.				
<b>WARREN COUNTY --- BOWLING GREEN [36.98, -86.43]</b>				
	02/11/09 12:09 CST		0	Thunderstorm Wind (MG 57 kt)
	02/11/09 12:09 CST		0	Source: Broadcast Media
Wind gust reported by Bowling Green media.				
<b>EDMONSON COUNTY --- 2.0 S BROWNSVILLE [37.15, -86.27]</b>				
	02/11/09 12:20 CST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 12:20 CST		0	Source: Law Enforcement
Trees were reported downed near Brownsville.				
<b>WARREN COUNTY --- BOWLING GREEN [36.98, -86.43]</b>				
	02/11/09 12:20 CST		0	Thunderstorm Wind (MG 59 kt)
	02/11/09 12:20 CST		0	Source: Trained Spotter
The wind gust was measured at Western Kentucky University.				
<b>WARREN COUNTY --- BOWLING GREEN [36.98, -86.43]</b>				
	02/11/09 12:20 CST		0	Thunderstorm Wind (MG 59 kt)
	02/11/09 12:20 CST		0	Source: Law Enforcement
The wind gust was measured at WKU and law enforcement reported numerous trees downed across the city.				
<b>ALLEN COUNTY --- SCOTTSVILLE [36.75, -86.18]</b>				
	02/11/09 12:25 CST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 12:25 CST		0	Source: Trained Spotter
Several large limbs were downed by thunderstorm wind gusts.				
<b>BARREN COUNTY --- CAVE CITY [37.13, -85.97]</b>				
	02/11/09 12:36 CST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 12:36 CST		0	Source: Law Enforcement
Trees reported downed in Cave City.				
<b>BARREN COUNTY --- GLASGOW [36.98, -85.90]</b>				
	02/11/09 12:40 CST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 12:40 CST		0	Source: Broadcast Media

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Media reported that gutters were blown off of a home.				
<b>MONROE COUNTY --- GAMALIEL [36.63, -85.78]</b>				
	02/11/09 12:53 CST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 12:53 CST		0	Source: Trained Spotter
Tree limbs were reported downed.				
<b>GREEN COUNTY --- 8.0 NW GREENSBURG [37.35, -85.60]</b>				
	02/11/09 12:58 CST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 12:58 CST		0	Source: Law Enforcement
A few trees were downed by thunderstorm wind gusts.				
<b>HART COUNTY --- HORSE CAVE [37.18, -85.92]</b>				
	02/11/09 13:00 CST		0	Thunderstorm Wind (EG 56 kt)
	02/11/09 13:00 CST		0	Source: Law Enforcement
Ten inch diameter tree limbs were blown down.				
<b>HART COUNTY --- HORSE CAVE [37.18, -85.92]</b>				
	02/11/09 13:00 CST		0	Thunderstorm Wind (EG 56 kt)
	02/11/09 13:00 CST		0	Source: Law Enforcement
Ten inch in diameter tree limbs were blown down and winds were estimated up to 65 mph.				
<b>(KY-Z027) GRAYSON, (KY-Z029) BULLITT, (KY-Z030) JEFFERSON, (KY-Z032) TRIMBLE, (KY-Z035) FRANKLIN, (KY-Z037) HARRISON, (KY-Z041) FAYETTE, (KY-Z042) BOURBON, (KY-Z045) NELSON, (KY-Z047) MERCER, (KY-Z061) BUTLER, (KY-Z071) WARREN, (KY-Z077) ADAIR, (KY-Z078) RUSSELL, (KY-Z081) CUMBERLAND</b>				
	02/11/09 13:30 CST		0	High Wind (MAX 65 kt)
	02/11/09 21:00 CST		0	
<b>HART COUNTY --- MUNFORDVILLE [37.28, -85.90]</b>				
	02/11/09 13:37 CST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 13:37 CST		0	Source: Law Enforcement
Trees were downed across Highway 31W north of Munfordville.				
<b>HARDIN COUNTY --- 9.0 NE ELIZABETH TOWN [37.79, -85.75]</b>				
	02/11/09 13:50 EST		0	Thunderstorm Wind (EG 56 kt)
	02/11/09 13:50 EST		0	Source: Law Enforcement
Trees reported downed in Elizabethtown.				
<b>RUSSELL COUNTY --- JAMESTOWN [36.98, -85.07]</b>				
	02/11/09 13:50 CST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 13:50 CST		0	Source: Broadcast Media
Media reported roof damage to a few buildings in Jamestown.				
<b>LARUE COUNTY --- 5.0 W HODGENVILLE [37.57, -85.84]</b>				
	02/11/09 13:55 EST		0	Thunderstorm Wind (EG 52 kt)
	02/11/09 13:55 EST		0	Source: Law Enforcement
Trees were reported downed near Hodgenville.				
<b>TAYLOR COUNTY --- CAMPBELLSVILLE [37.33, -85.35]</b>				
	02/11/09 14:30 EST		0	Thunderstorm Wind (EG 56 kt)
	02/11/09 14:30 EST		0	Source: County Official
Trees and power lines were downed in the city with scattered power outages throughout Taylor County.				

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<b>LINCOLN COUNTY --- CRAB ORCHARD [37.47, -84.48]</b>				
	02/11/09 14:45 EST		10K	Thunderstorm Wind (EG 61 kt)
	02/11/09 14:45 EST		0	Source: Broadcast Media
A barn was demolished in the Maywood area.				
<b>FAYETTE COUNTY --- LEXINGTON [38.05, -84.50]</b>				
	02/11/09 15:00 EST		10K	Thunderstorm Wind (EG 56 kt)
	02/11/09 15:00 EST		0	Source: Broadcast Media
A photographer stand was blown over in Commonwealth Stadium and trees and power lines were down, especially across the south side of town. Roof damage was also reported to a home on Winchester road.				
<b>WOODFORD COUNTY --- VERSAILLES [38.05, -84.73]</b>				
	02/11/09 15:00 EST		0	Thunderstorm Wind (EG 56 kt)
	02/11/09 15:00 EST		0	Source: Law Enforcement
Numerous trees were down along the Woodford-Fayette County line.				
<b>CASEY COUNTY --- LIBERTY [37.32, -84.95]</b>				
	02/11/09 15:10 EST		1K	Thunderstorm Wind (EG 56 kt)
	02/11/09 15:10 EST		0	Source: Law Enforcement
Trees and power lines were downed. A trampoline was also blown into a road near Liberty.				
<b>LINCOLN COUNTY --- MC KINNEY [37.45, -84.77]</b>				
	02/11/09 15:10 EST		0	Thunderstorm Wind (EG 60 kt)
	02/11/09 15:10 EST		0	Source: Law Enforcement
Trees and power lines were downed.				
<b>LINCOLN COUNTY --- MORELAND [37.50, -84.82]</b>				
	02/11/09 15:14 EST		0	Thunderstorm Wind (EG 56 kt)
	02/11/09 15:14 EST		0	Source: Law Enforcement
Trees and power lines were downed near Highway 78.				
<b>GARRARD COUNTY --- 38.5 NE BARNETT SPGS [37.62, -84.58]</b>				
	02/11/09 15:18 EST		10K	Thunderstorm Wind (EG 61 kt)
	02/11/09 15:18 EST		0	Source: Broadcast Media
A carport was destroyed along with roof damage to a home in Lancaster. Multiple power outages were reported across the county.				
<b>HARRISON COUNTY --- CYNTHIANA [38.38, -84.30]</b>				
	02/11/09 15:32 EST		1K	Thunderstorm Wind (EG 52 kt)
	02/11/09 15:32 EST		0	Source: Trained Spotter
Shingles were blown off of a roof.				
<b>CLARK COUNTY --- 4.0 ESE WINCHESTER [37.96, -84.11]</b>				
	02/11/09 15:35 EST		5K	Thunderstorm Wind (EG 61 kt)
	02/11/09 15:35 EST		0	Source: Law Enforcement
Roof damage to a barn on Crow Ridge Road was reported.				
<b>MADISON COUNTY --- RICHMOND [37.75, -84.30]</b>				
	02/11/09 15:35 EST		0	Thunderstorm Wind (EG 61 kt)
	02/11/09 15:35 EST		0	Source: Law Enforcement
Two tractor trailers were blown over on Interstate 75 - one at the 77 mile marker (southbound) and the other at the 91 mile marker (northbound). Trees and power lines were also reported downed across the county.				

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<b>TRIMBLE COUNTY --- BEDFORD [38.58, -85.32]</b>				
	02/11/09 16:58 EST		30K	Thunderstorm Wind (EG 65 kt)
	02/11/09 16:58 EST		0	Source: Law Enforcement
A mobile home was blown over on New Hope Road with one person trapped inside. The person was rescued without injuries. Numerous trees and power lines were also reported down across the county.				
A strong trough exiting the Rockies lead to explosive development of surface low pressure during the day Wednesday February 11th. At dawn, low pressure near 998 mb formed over southern Missouri. This cyclone deepened to 986 mb as it crossed into southern Michigan by late evening. The cyclone brought widespread high winds stretching from Tennessee through Michigan.				
Convective showers along an occluded front crossed central Kentucky during the afternoon. This line brought widespread severe wind gusts 55 to 65 mph along and south of the Bluegrass Parkway. Behind this front, gradient winds increased to 35 to 40 mph...with gusts up to 65 mph during the late afternoon and early evening. Scattered structural damage, tree damage and power outages resulted from both the winds associated with the convection and from the gradient winds outside of precipitation areas.				
<b>WARREN COUNTY --- 0.9 NW WOODBURN [36.84, -86.53]</b>				
	02/18/09 10:33 CST		0	Hail (0.75 in)
	02/18/09 10:33 CST		0	Source: Post Office
<b>WARREN COUNTY --- ALVATON [36.87, -86.35]</b>				
	02/18/09 10:48 CST		0	Hail (1.00 in)
	02/18/09 10:48 CST		0	Source: Post Office
<b>ALLEN COUNTY --- 0.6 E CEDAR SPGS [36.83, -86.09]</b>				
	02/18/09 10:55 CST		0	Hail (1.75 in)
	02/18/09 10:55 CST		0	Source: Law Enforcement
Golf ball size hail was reported to Scottsville police near Barren River Lake on Baileys Point Road.				
<b>WARREN COUNTY --- ALVATON [36.87, -86.35]</b>				
	02/18/09 10:55 CST		0	Hail (0.88 in)
	02/18/09 10:55 CST		0	Source: Amateur Radio
<b>BARREN COUNTY --- 1.8 SW BRISTLETOWN [36.91, -85.92]</b>				
	02/18/09 11:05 CST		0	Hail (1.00 in)
	02/18/09 11:05 CST		0	Source: Trained Spotter
<b>METCALFE COUNTY --- 2.2 W SUMMER SHADE [36.88, -85.74]</b>				
	02/18/09 11:26 CST		0	Hail (1.00 in)
	02/18/09 11:26 CST		0	Source: Trained Spotter
<b>ALLEN COUNTY --- 2.1 NNW OAK FOREST [36.75, -86.11]</b>				
	02/18/09 11:47 CST		0	Hail (1.75 in)
	02/18/09 11:47 CST		0	Source: Trained Spotter
Hail was reported halfway between Scottsville and Fountain Run on Brownsford Road.				
<b>MONROE COUNTY --- 2.8 NNE JEFFREY [36.79, -85.82]</b>				
	02/18/09 12:01 CST		0	Hail (1.25 in)
	02/18/09 12:01 CST		0	Source: Trained Spotter
<b>CUMBERLAND COUNTY --- MARROWBONE [36.82, -85.50]</b>				
	02/18/09 12:12 CST		0	Hail (1.00 in)
	02/18/09 12:12 CST		0	Source: COOP Observer
<b>RUSSELL COUNTY --- 2.2 SE BRYAN [36.91, -85.17]</b>				
	02/18/09 12:12 CST		0	Hail (1.25 in)
	02/18/09 12:12 CST		0	Source: Law Enforcement

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Hail reported at Lake Cumberland Dam.				
<b>CLINTON COUNTY --- 0.6 E HIGHWAY [36.73, -85.19]</b>				
	02/18/09 12:41 CST		0	Hail (1.75 in)
	02/18/09 12:41 CST		0	Source: Broadcast Media
Golf ball sized hail was covering the ground.				
<b>CLINTON COUNTY --- 1.1 E CUMBERLAND CITY [36.80, -85.05]</b>				
	02/18/09 12:42 CST		0	Hail (1.75 in)
	02/18/09 12:42 CST		0	Source: Emergency Manager
Hail was covering the ground and up to 2 inches deep.				
<b>MERCER COUNTY --- STRINGTOWN [37.77, -84.83]</b>				
	02/18/09 13:40 EST		0	Hail (1.75 in)
	02/18/09 13:40 EST		0	Source: Emergency Manager
Hail was two inches deep on grassy areas and on US 127.				
<b>MADISON COUNTY --- 0.9 SE RICHMOND [37.74, -84.29]</b>				
	02/18/09 14:05 EST		0	Hail (0.88 in)
	02/18/09 14:05 EST		0	Source: Law Enforcement
<b>MADISON COUNTY --- 1.1 E RICHMOND [37.75, -84.28]</b>				
	02/18/09 14:10 EST		0	Hail (1.75 in)
	02/18/09 14:10 EST		0	Source: Trained Spotter
<b>MADISON COUNTY --- 0.9 SE RICHMOND [37.74, -84.29]</b>				
	02/18/09 14:47 EST		0	Hail (0.88 in)
	02/18/09 14:47 EST		0	Source: Trained Spotter
A clipper system moving into the upper Midwest coupled with low pressure across Southeast caused severe thunderstorms to develop during the early morning hours of February 18th across south central Kentucky. A dry slot moved across the area during the morning hours and sufficient heating allowed the atmosphere to destabilize as a cold front moved across central Illinois into Indiana and Kentucky. Thunderstorms redeveloped during the late morning and afternoon hours. Severe hail was the biggest threat with these storms despite a few tornado warnings being issued. Areas most effected were across south central Kentucky near the Kentucky and Tennessee border with a few reports just south of Lexington. Hail size reports ranged from penny size to golf ball size.				
<b>GRAYSON COUNTY --- 0.6 E CANEYVILLE [37.42, -86.49]</b>				
	02/27/09 02:45 CST		0	Thunderstorm Wind (EG 50 kt)
	02/27/09 02:45 CST		0	Source: Emergency Manager
Several power lines were reported down in Caneyville.				
<b>JEFFERSON COUNTY --- 1.5 NNW AUDUBON PARK [38.22, -85.74]</b>				
	02/27/09 03:43 EST		0	Thunderstorm Wind (EG 61 kt)
	02/27/09 03:43 EST		0	Source: Broadcast Media
The bleachers at Ballard High School were overturned.				
<b>JEFFERSON COUNTY --- 0.5 W STRATHMOOR VLG [38.22, -85.61]</b>				
	02/27/09 03:44 EST		0	Thunderstorm Wind (EG 52 kt)
	02/27/09 03:44 EST		0	Source: NWS Employee
<b>FRANKLIN COUNTY --- 1.3 WSW FRANKFORT [38.19, -84.87]</b>				
	02/27/09 04:25 EST		0	Thunderstorm Wind (EG 53 kt)
	02/27/09 04:25 EST		0	Source: ASOS
<b>MONROE COUNTY --- 0.6 W TOMPKINSVILLE [36.70, -85.69]</b>				

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	02/27/09 04:30 CST		0	Thunderstorm Wind (EG 61 kt)
	02/27/09 04:30 CST		0	Source: Trained Spotter
Several large trees were uprooted, one of which fell on a home. A few other homes received damage.				
<b>NELSON COUNTY --- NAZARETH [37.83, -85.47]</b>				
	02/27/09 04:31 EST		0	Thunderstorm Wind (EG 51 kt)
	02/27/09 04:31 EST		0	Source: Trained Spotter
<b>SCOTT COUNTY --- 0.7 N GEORGETOWN [38.21, -84.55]</b>				
	02/27/09 04:45 EST		0	Thunderstorm Wind (EG 52 kt)
	02/27/09 04:45 EST		0	Source: Emergency Manager
Several buildings were reported to have had roof damage.				
<b>SCOTT COUNTY --- NEWTOWN [38.22, -84.47]</b>				
	02/27/09 04:45 EST		0	Thunderstorm Wind (EG 52 kt)
	02/27/09 04:45 EST		0	Source: Law Enforcement
Several trees were reported to be blown down.				
<b>BOURBON COUNTY --- 1.8 NE RUDELDS MILLS [38.32, -84.21]</b>				
	02/27/09 04:55 EST		0	Thunderstorm Wind (EG 61 kt)
	02/27/09 04:55 EST		0	Source: Emergency Manager
A barn roof was blown into the road near Ruddels Mills.				
<b>BOURBON COUNTY --- 0.9 SW PARIS [38.21, -84.26]</b>				
	02/27/09 04:59 EST		0	Thunderstorm Wind (EG 61 kt)
	02/27/09 04:59 EST		0	Source: Emergency Manager
Power line were reported down and a roof was blown off of a barn in Paris.				
<b>CLARK COUNTY --- 1.5 NNW WINCHESTER [38.00, -84.19]</b>				
	02/27/09 05:30 EST		0	Thunderstorm Wind (EG 56 kt)
	02/27/09 05:30 EST		0	Source: Law Enforcement
A heavy awning was blown off of a home and was blocking Ashland Avenue in Winchester.				
<b>A potent cold front associated with a deep trough across central United States moved eastward during the early morning hours of February 27th. A line of severe thunderstorms formed ahead of the cold front and moved southeastward across the forecast area. The bulk of reported damage and severe wind gusts occurred across north central Kentucky with one report near the Kentucky and Tennessee state line where the line of thunderstorms was less intense.</b>				